

# 22

PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	09/719,272
Filing Date	May 3, 2001
First Named Inventor	Hiroshi Yamamoto
Art Unit	1642
Examiner Name	N. Davis
Attorney Docket Number	19036/36959

Sheet	1	of	1
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
109	A1	4,752,583	06/21/1988	Jensen, et al.	
	A2	5,646,333	07/08/1997	Dobres, et al.	
	A3	5,736,149	04/07/1998	Avjioglu, et al.	
	A4	5,837,505	11/17/1998	della-Cioppa, et al.	
	A5	5,888,794	03/30/1999	Schlessinger, et al.	
	A6	5,916,561	06/29/1999	Adolf, et al.	
	A7	09/743,492	04/30/2001	Yamamoto, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country-Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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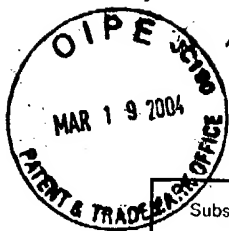
**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
47	C10	BOST, et al., "Antibodies against a peptide sequence within the HIV envelope protein crossreacts with human interleukin-2," <i>Immunol. Invest.</i> , 17(6-7):577-86 (1988).	
	C11	DEBANT, et al., "The multidomain protein Trio binds the LAR transmembrane tyrosine phosphatase, contains a protein kinase domain, and has separate rac-specific and rho-specific guanine nucleotide exchange factor domains," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 93(11):5466-71 (1996).	
	C12	HARLOW, et al., "Antibodies: A Laboratory Manual," Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York (1988).	
	C13	HERSH, et al., "The Salmonella invasin SipB induces macrophage apoptosis by binding to caspase-1," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 96(5):2396-401 (1999).	
	C14	ZHANG, et al., "Molecular Cloning and Expression of a Unique Receptor-Like Protein-Tyrosine-Phosphatase in the Leukocyte-Common-Antigen-Related Phosphatase Family," <i>Biochem J.</i> , 302:39-47 (1994).	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>M. Davis</i>	Date Considered	4/23/03
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
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Attorney Docket Number	19036/36959				
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		Number-Kind Code <sup>2</sup> (if known)			
my	A8	US-5,538,886	07-23-1996	Schlessinger et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
my	B1	EP-1 097 944-A1	05-09-2001	Yamamoto et al.		

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
my ↓	C18	Supplemental European Search Report for EP 99 92 3958 dated 2/18/04.	
	C19	Itoh et al., "Purification and Characterization of the Catalytic Domains of the Human Receptor-linked Protein Tyrosine Phosphatases HPTPβ, Leukocyte Common Antigen (LCA), and Leukocyte Common Antigen-related Molecule (LAR)," J. Bio. Chem. 267:17, pp. 12356-12363, 1992.	
	C20	Yu et al., "The N-terminal and C-terminal Domains of a Receptor Tyrosine Phosphatase are Associated by Non-covalent Linkage," Oncogene v. 7, 1051-1057, 1992.	
	C21	Zhang et al., "LAR Tyrosine Phosphatase Receptor: Alternative Splicing is Preferential to the Nervous System, Coordinated with Cell Growth and Generates Novel Isoforms Containing Extensive CAG Repeats," J. Cell Bio. 128:3, 415-431, 1995.	

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Examiner Signature	<i>Mark Y</i>	Date Considered	8/11/04
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